

Title (en)
INTEGRATED CIRCUIT SYSTEM FOR ANALOG SIGNAL STORING AND RECOVERY INCORPORATING READ WHILE WRITING VOLTAGE PROGRAM METHOD

Title (de)
INTEGRIERTES SCHALTUNGSSYSTEM ZUR GEWINNUNG UND SPEICHERUNG VON ANALOGEN SIGNALLEN, MIT ZEITGLEICHEN LESE- UND SCHREIBSPANNUNGSPROGRAMMVERFAHREN

Title (fr)
SYSTEME DE CIRCUITS INTEGRES DESTINE AU STOCKAGE ET A L'EXTRACTION DE SIGNAUX ANALOGIQUES IMPLIQUANT UN PROCEDE DE PROGRAMMATION DE TENSION A LECTURE ET ECRITURE SIMULTANEEES

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Application
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Priority
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• US 30626694 A 19940914

Abstract (en)
[origin: US5745414A] The present invention is an improvement in an analog storage device having a row of EEPROM cells. The improvement includes providing a reference EEPROM cell having first and second transistors connected in series, with a gate of the first transistor connected to a clear input line and a gate of the second transistor connected to a select input line. The improvement further includes providing a comparator having first and second inputs with the first input connected to a source of the second transistor and a second input connected to a reference voltage line and with an output of the comparator connected to the gate of the first transistor, wherein the gate of the first transistor is connected to gates of first transistors of each of the row of EEPROM cells.

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